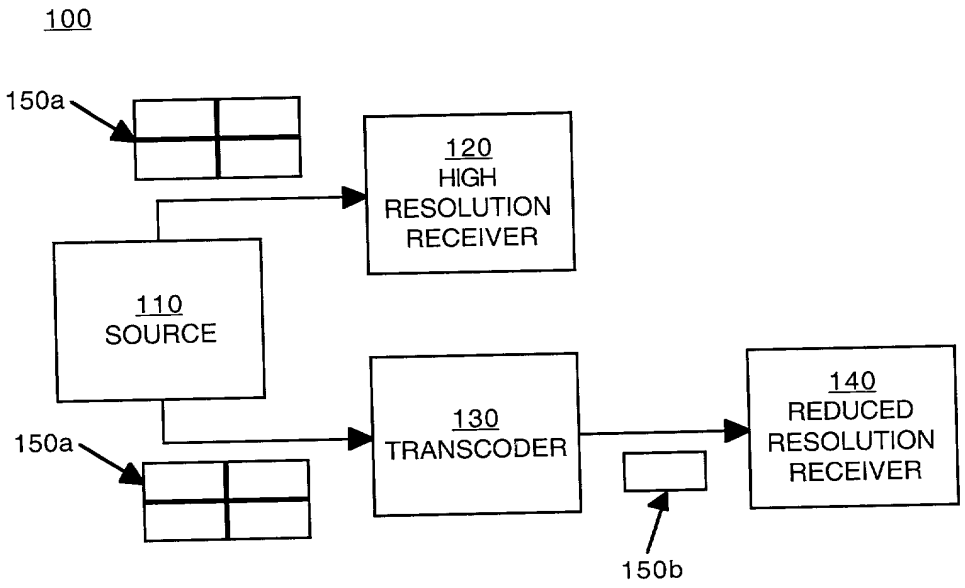


Figure 1A

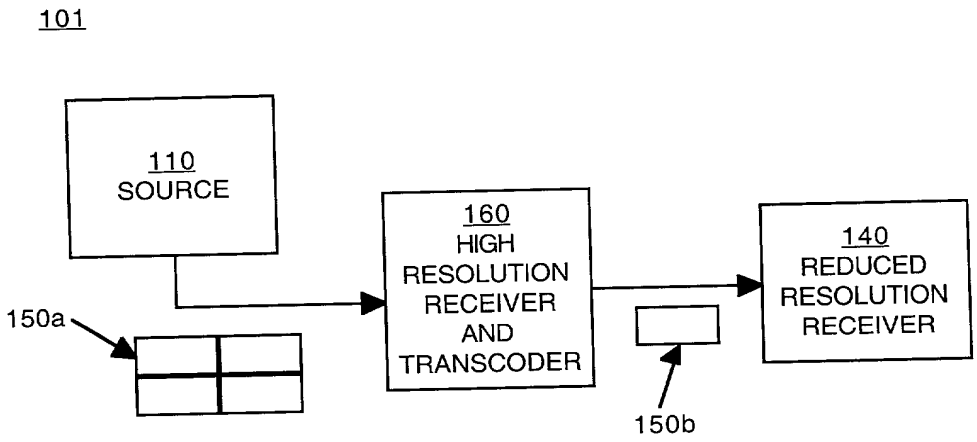


Figure 1B

Docket: 02-2708

2072220 "h8958007"

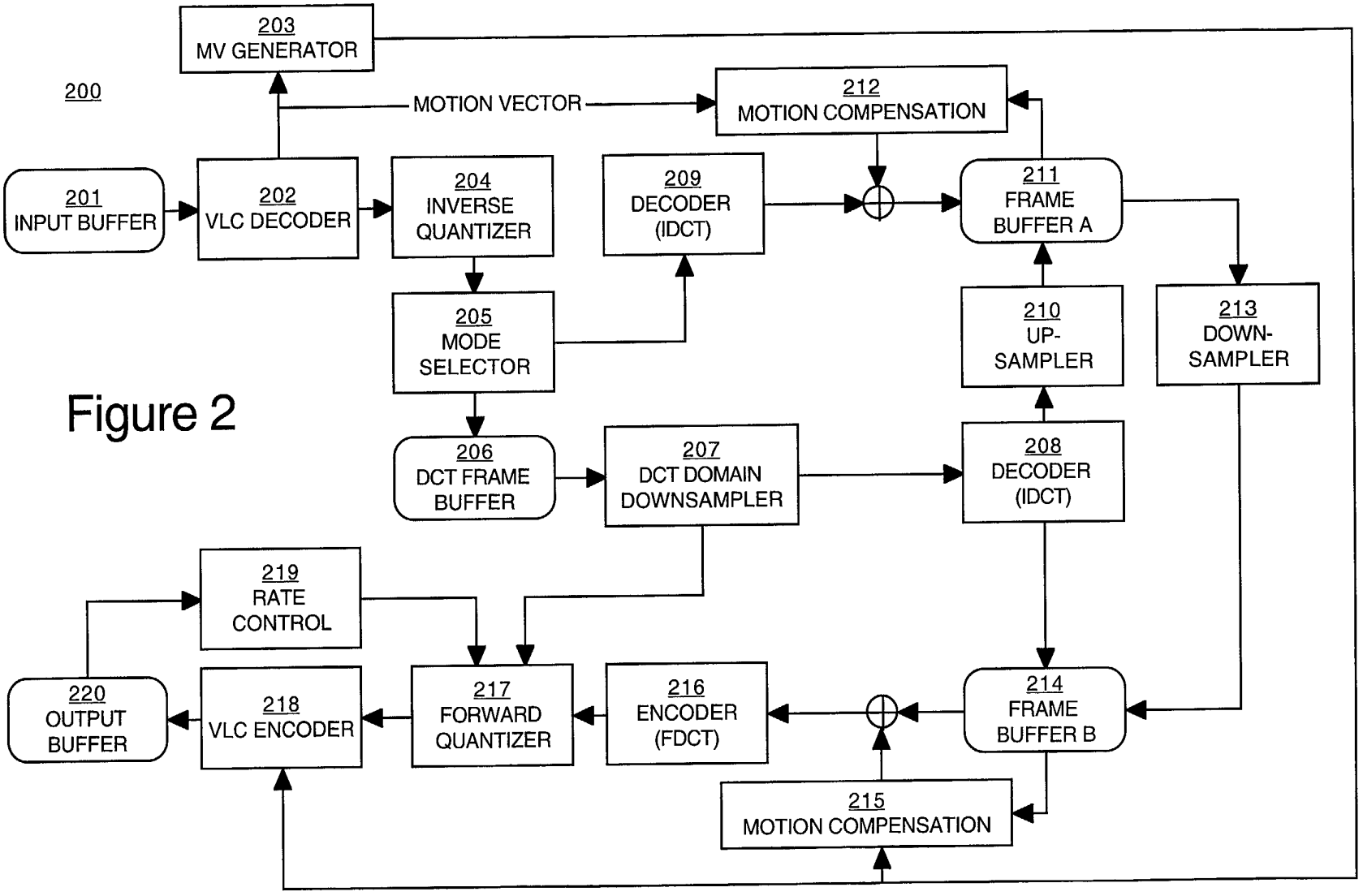


Figure 2

US005654759A

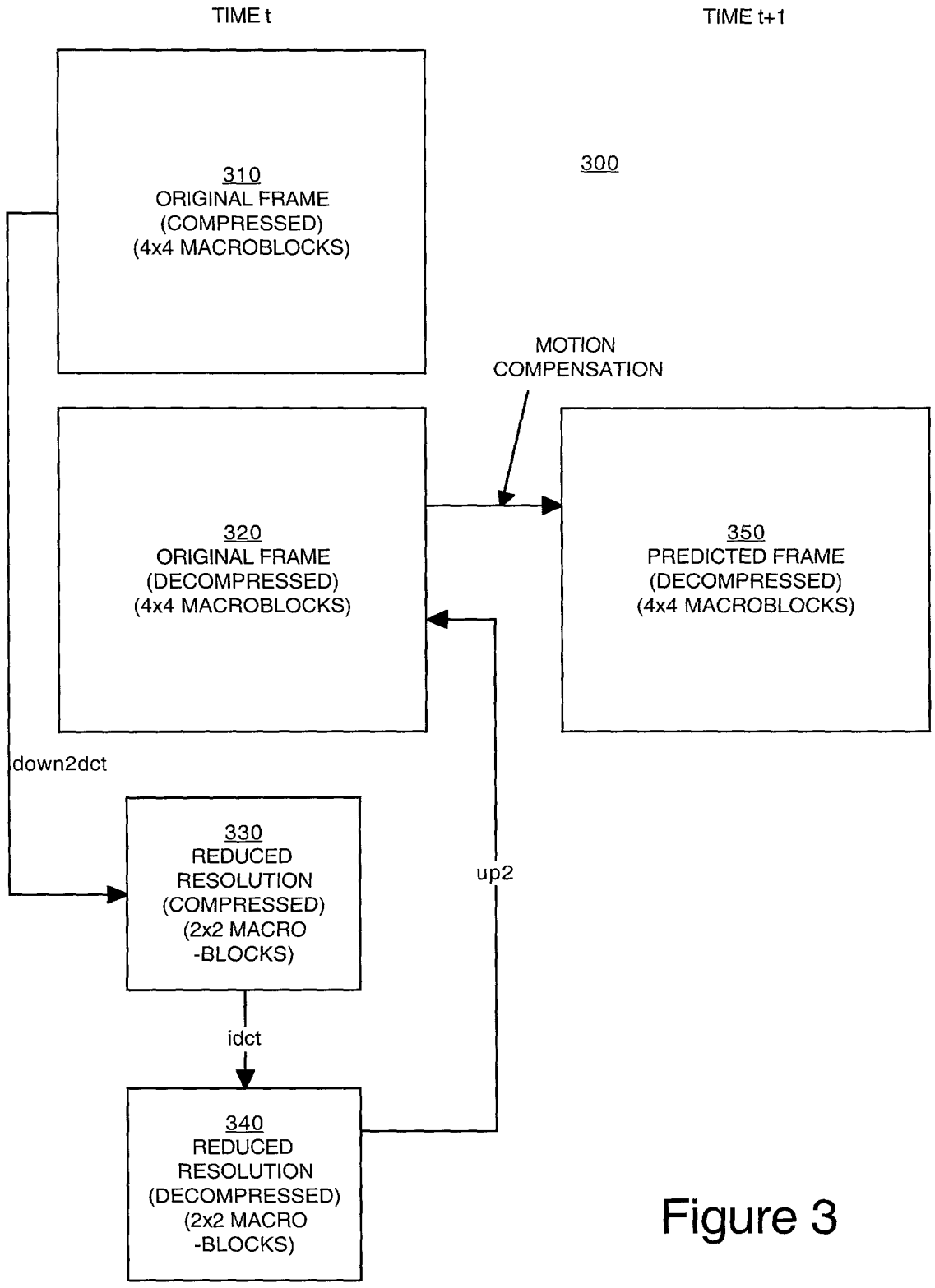


Figure 3

20220 "h8958007

Figure 4A

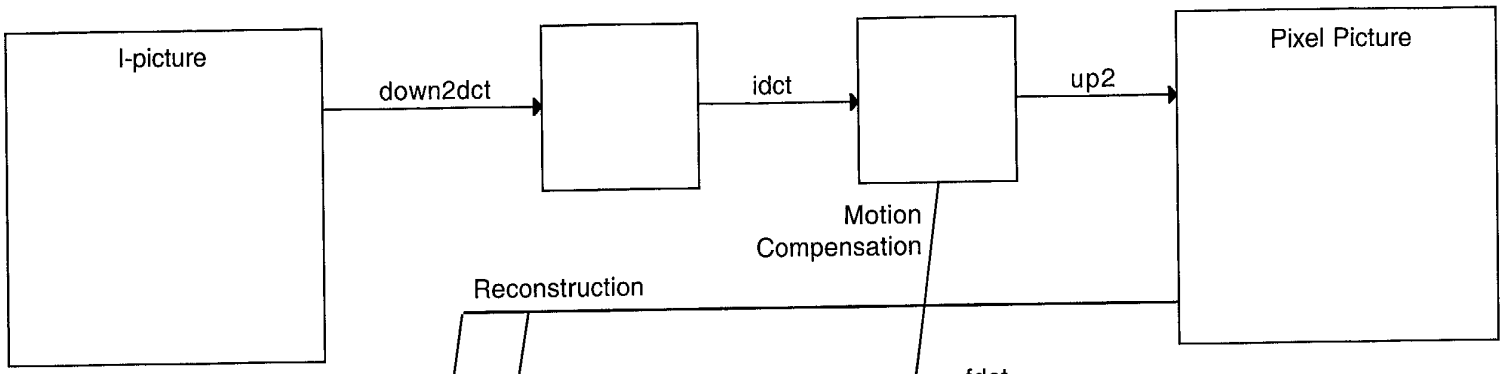


Figure 4B

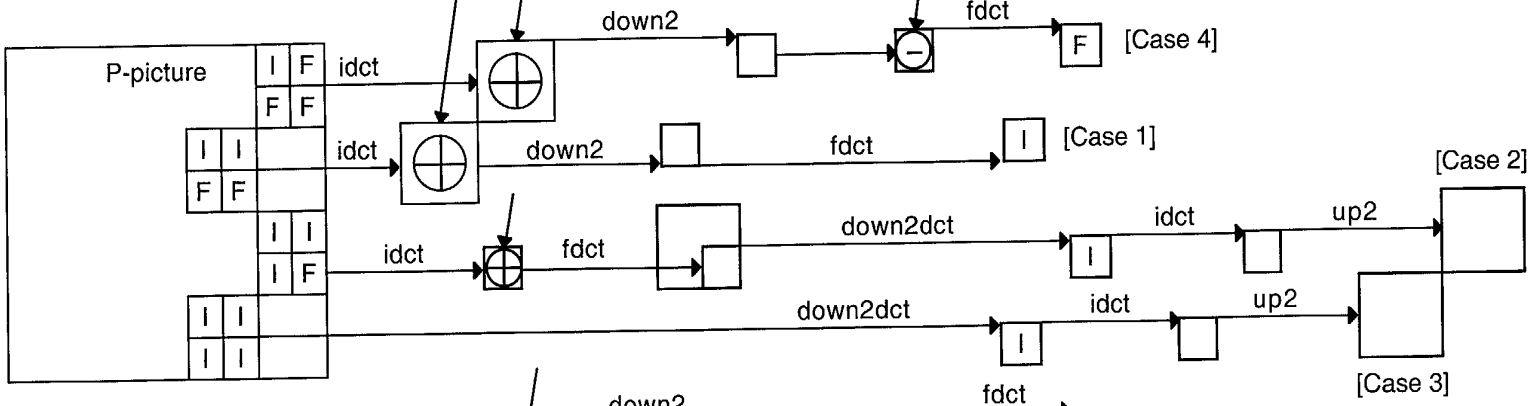
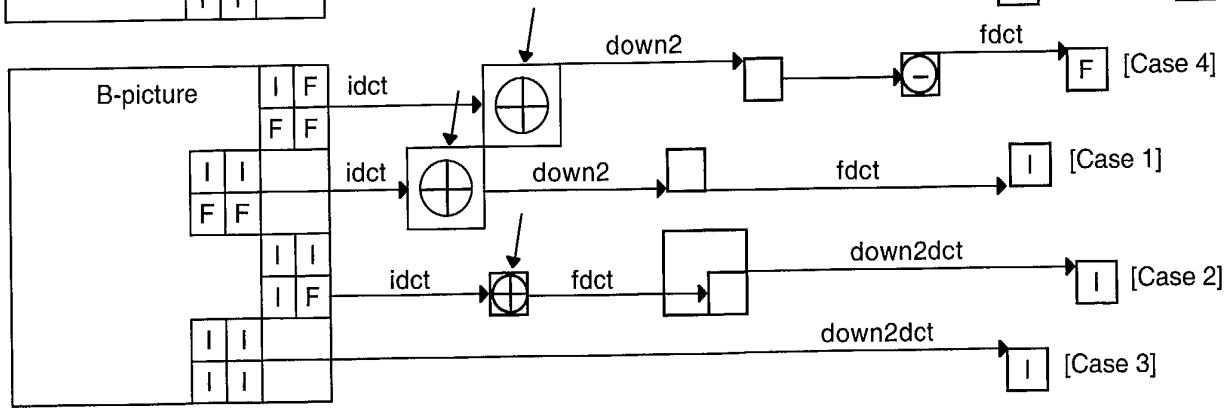


Figure 4C



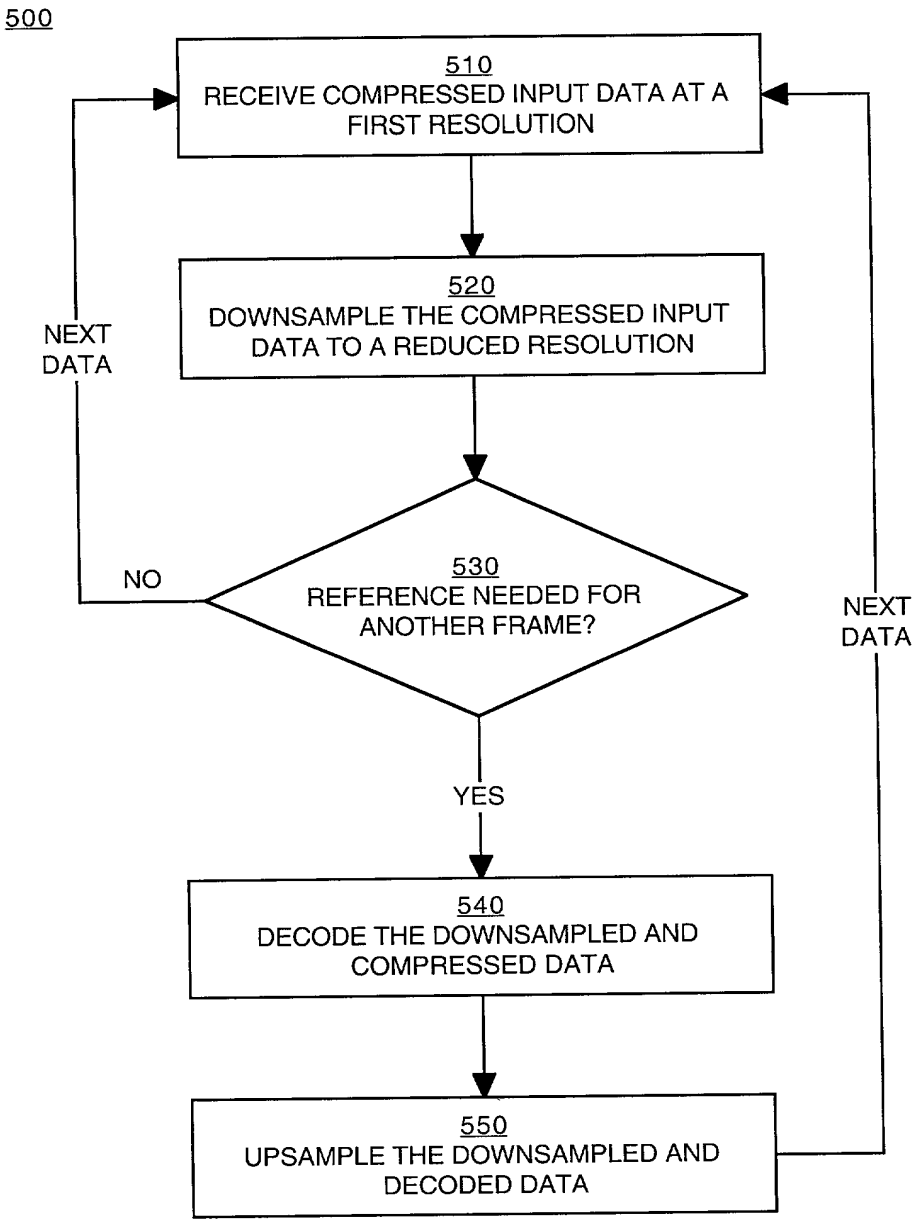

500
510
RECEIVE COMPRESSED INPUT DATA AT A FIRST RESOLUTION
520
DOWNSAMPLE THE COMPRESSED INPUT DATA TO A REDUCED RESOLUTION
NEXT DATA
530
REFERENCE NEEDED FOR ANOTHER FRAME?
NO
YES
NEXT DATA
540
DECODE THE DOWNSAMPLED AND COMPRESSED DATA
550
UPSAMPLE THE DOWNSAMPLED AND DECODED DATA

Figure 5

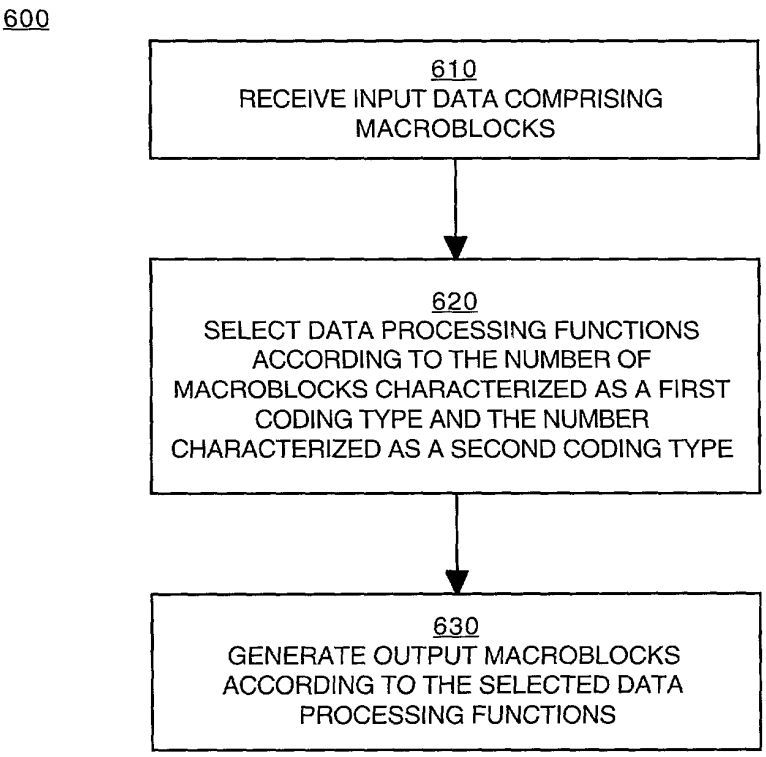

600
610
RECEIVE INPUT DATA COMPRISING MACROBLOCKS
620
SELECT DATA PROCESSING FUNCTIONS ACCORDING TO THE NUMBER OF MACROBLOCKS CHARACTERIZED AS A FIRST CODING TYPE AND THE NUMBER CHARACTERIZED AS A SECOND CODING TYPE
630
GENERATE OUTPUT MACROBLOCKS ACCORDING TO THE SELECTED DATA PROCESSING FUNCTIONS

Figure 6